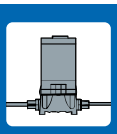
ionfilter.

zip

User manual



PRESSURE PUMP
Greater production volume

DIRECT ACCES
Easy maintenance

CLICK
Secure fixed-locking connections

ENCAPSULATED MEMBRANE
Minimum contact - maximum hygiene

ELECTRONIC ADAPTADOR
External, reliable, high yield transformer

INSERT
Secure tube connections

NSF CONNECTORS
Maximum security tubes and fittings.

HT FILTERS
Hygienic, easy to maintain

ZERO INSTALLATION
No need for installation, no water connections

ECO FRIENDLY
Efficient water use, recyclable filters

Plug & Play
Ready to connect

! Please keep this manual, including service and guarantees sections, to provide better after-sales service.

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1. PRESENTATION

Thank you and congratulations on selecting the ZIP Water Purifier. ZIP purifiers are among the best appliances you can find on the market to improve water taste and quality.
With the water quality of our environment worsening, we have been prompted to design and manufacture this compact, domestic RO purifier to meet these challenges with the highest quality solutions.

Your ZIP purifier will provide you and your family many benefits and advantages:

- ZIP is a physical system that does not use or add chemicals to the water.
- Provides high quality water.
- Ensures high production.
- Low maintenance costs.
- Compact innovative design and concept.
- No installation or water connections.
- No water waste. All water can be used.
- Saves time on set up and maintenance.

! **It's imporant to read carefully and keep this manual.**
Any doubt you have about the setting up, use or maintenance of this unit, please contact with the Technical Service of your distributor.

2. INTRODUCTION

With the ZIP purifier you will enjoy the improved taste of water for drinking, coffee, juice and ice cubes and any other drinking water use. RO water also enhances the flavor of food when cooking. Enjoy healthier water for your whole family. Water produced has low mineralisation. That will help to prolong lifeterm of different electrical appliances like vapor iron, coffe machines...

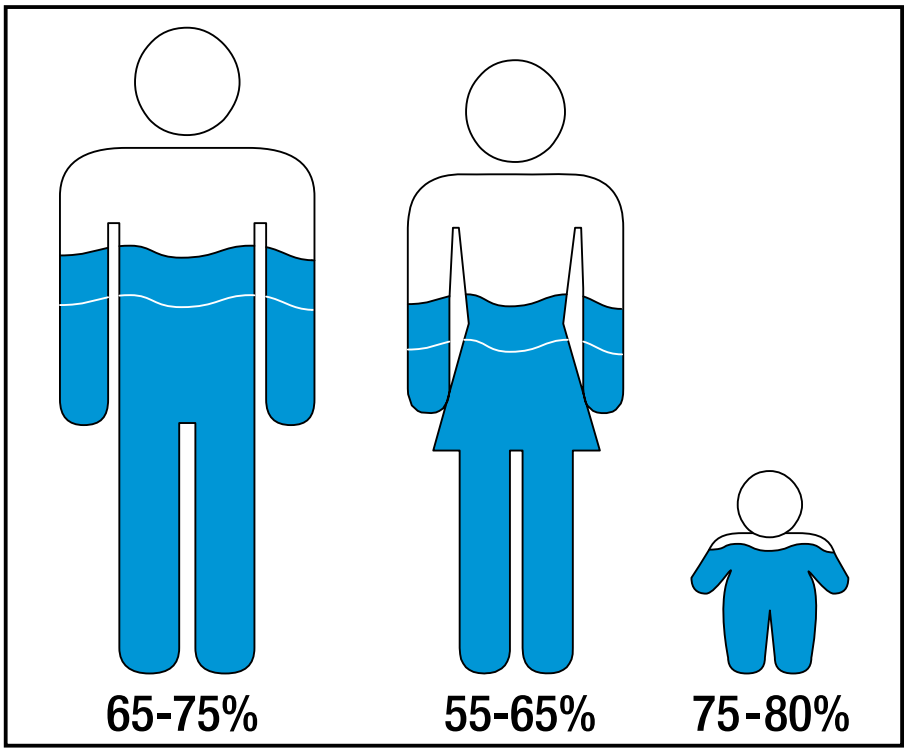
2.1 What is natural osmosis and reverse osmosis?

Natural or direct osmosis is common in nature, found in places like the semi-permeable membranes which are part of the vast majority of organisms (e.g. plant roots, our own body organs, cell membranes, etc ...)

When two solutions of different concentrations of salts (TDS -Total dissolved solids) are separated by a semi permeable membrane, it naturally produces a flow of water from the less concentrated solution to the higher concentrated solution. This flow continues until the concentrations on both sides of the membrane are equal.

To overcome this tendency, and reverse the natural flow of the system, (in order to obtain a flow of water from a higher salt concentration solution to a lower salt concentration solution) pressure is applied to the water on the side of the membrane with the higher concentration. Pure water is collected from the lower pressure side of the membrane and this process is what is called reverse osmosis. Today, reverse osmosis is one of the best methods for improving the characteristics of water by a physical process (without using chemicals).

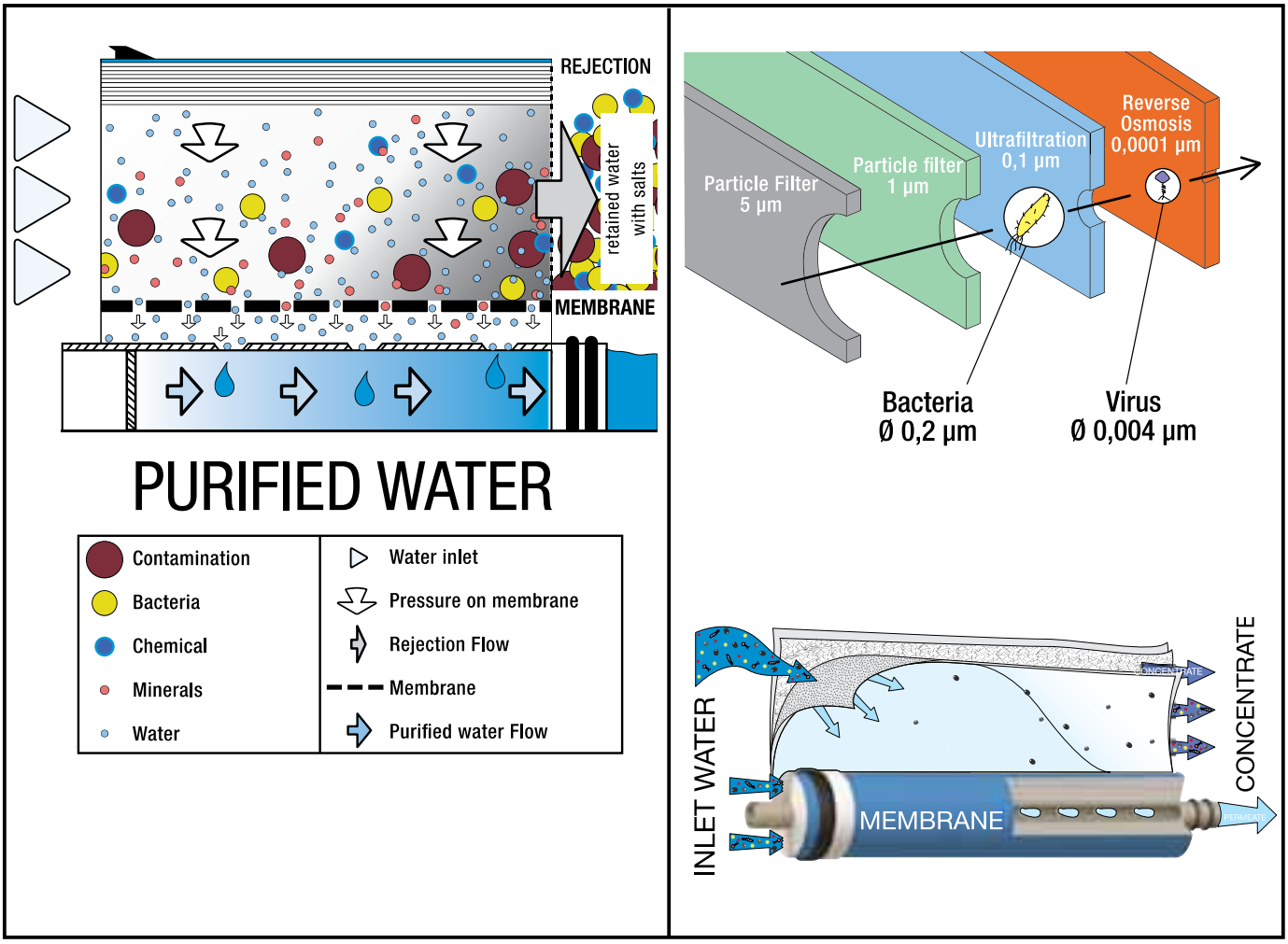
The human body contains different quantities of water:



2.2 How does the membrane work?

Pressure is applied to the water on the inlet side of the semi permeable membrane, so that part of it (RO water) will flow through the pores of the membrane, while the rest of the water (water rejected with high salt concentration) will be diverted back to the supply pitcher to recycle and optimize performance.

Since the diameter of the pores of the membrane is less than 0.0001 microns, only water molecules and a small amount of minerals (sodium, potassium, calcium, magnesium, etc.) will pass through the membrane. Larger molecules will be “rejected” from passing through the membrane.



2.3 Contaminants and other substances reduced by reverse osmosis membrane.

The chemical composition and concentration of salts and other substances in the inlet water will affect the water produced. The reverse osmosis membrane of the ZIP Purifier is able to reduce the concentration of elements and compounds listed in the following tables among others.

INORGANICS	
Element / Compound	Reduction
SODIUM	90-95%
CALCIUM	93-98%
MAGNESIUM	93-98%
ALUMINIUM	93-98%
COPPER	93-98%
NICKEL	93-98%
ZINC	93-98%
BARIUM	93-98%
CARBONATES	93-98%
CHLORE	90-95%
BICARBONATES	90-95%
NITRATES	45-55%
PHOSPHATES	93-98%
FLUORIDE	93-98%
CYANIDE	90-95%
SULFATES	90-95%
BORON	40-45%
ARSENIC	93-98%

ORGANICS	
Element / Compound	Reducción
TOTAL ORGANIC COMPOUNDS	98%
GLUCOSE	98-99%
ACETONA	70%
ISOPROPANOL	90%
ETHYL BENZENE	71%
ETHYLPHENOL	84%
TETRACHLOROETHYLENE	68-80%
UREA	70%
1,2,4 TRICHLOROBENZENE	96%
1,1,1,TRICHLOROBENZENE	98%

2.4 Effect of pressure and temperature in a RO system.

The percentage salt rejection of the membrane is normally more than 95%, but depending on the water quality, temperature and pressure, the percentage may vary.

How to tell if the RO membrane needs replacement:

CONVERSION FACTORS

TEMPERATURE

CONVERSION FACTORS

Temperature (ºc)	About the production
6	0,38
8	0,45
10	0,52
12	0,59
14	0,66
16	0,70
18	0,77
20	0,85
22	0,88
25	1,00
28	1,09
30	1,16
32	1,23
34	1,30

FOR PRESSURE

FACTOR CONVERSION

Pressure (Bar)	About production	Salt rejection (%)
0,70	0,17	84
1,00	0,25	88
1,50	0,33	90
1,75	0,42	92
2,50	0,58	93
4,00	1,00	95
4,50	1,08	95
4,90	1,17	95
5,20	1,25	95
5,80	1,42	95

The condition of the membrane is assessed by testing the percent TDS rejection:

Using a TDS meter, compare the TDS of the inlet water to the pure RO water, and obtain the percentage of TDS rejection.

$$\text{\% Rejection rate} = \left(\frac{\text{TDS of inlet water-TDS 0f pure water}}{\text{TDS of inlet water}} \right) \text{x } 100$$

If rejection goes below 70% the membrane life has come to an end.

* The test has been done with a 75 GPD membrane at 14ºC, without counter-pressure, hardness of 15º HF and TDS equilibrated with NaCl.

** The minimum pressure has been calculated for a 9 l/h production.

2.5 Effect of TDS concentration in the inlet water

Production rate will vary depending on the TDS content (Total Dissolved Solids) and temperature of water to be treated. Water with a lower temperature or higher TDS will be filtered slower than water which is warmer or of a lower TDS.

It is recommended to use water with a maximum hardness of 25 grains in order to obtain optimum performance.

If the inlet water is of hardness greater than 25 grains, or contains high concentrations of iron or manganese, or hyper chlorination, there may be a reduction in membrane life and performance of certain components of the purifier.

ZIP is designed for TDS up to 800 ppm. For TDS above 800 ppm, consult your dealer. (If the water being used is from a public supply, it will comply with requirements for water to be used for the ZIP purifier.)

PRESSURE CHART DEPENDING ON T.D.S.	
MAXIMUM INLET T.D.S. *	MINIMUM INLE PRESSURE TO MEMBRANE**
Until 200 ppm	3,5 bar
between 200 & 500 ppm	3,8 bar
between 500 & 800 ppm	4,0 bar

3. TECHNICAL SPECIFICATIONS

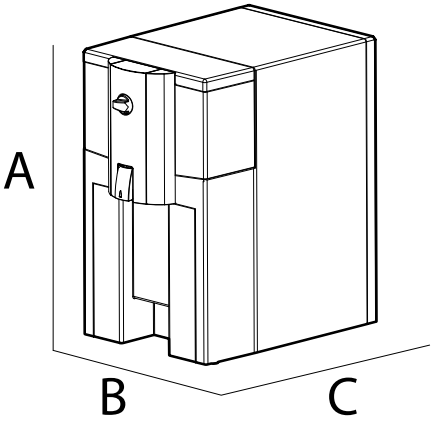
*The flow can change +/- 20%. The produced flow can change depending on the salinity, temperature and pressure of the treated water. See 2.4 and 2.5 of this manual.

**For salinities until 800 ppm, you can consult the pressures chart of point 2 in this manual. For salinities over thar 800 ppm asc your distributor.

This characteristics can change depending on the model, version or manufacturing year.

TECHNICAL SPECIFICATIONS
DIMENTIONS: (H x W x D): 415 x 250 x 380 mm.
WEIGHT: 33 lbs (15 Kg)
TEMPERATURE RANGE (max /min): 40ºC / 4ºC. (104ºF/ 40ºF)
INLET TDS (max): 800** ppm.
INLET HARDNESS (max): 25º HF
MEMBRANE: 1 x 1812 75 GPD.
MEMBRANE PRODUCTION: 200 LPD *
Softened water, 250 ppm. Temp.:25ºC. 15% recovery.
Membrane pressure: 3,4 bar (without counter-pressure).
PUMP: Booster.
ELECTRICAL OPERATION: 24Vdc. 24W
ELECTRICAL ADAPTOR: 100-240V. 50/60Hz. 24Vdc.
TREATED WATER RESERVOIR CAPACITY: 2 L
SUPPLY WATER PITCHER CAPACITY: 4 L

MANUFACTURER:
Manufactured by PURICOM WATER IND. CORP. (Taiwan) for **IONFILTER**.
Pol. Ind. L'Ametlla Park, c/ Aiguafreda, 8, 08480 L'Ametlla del Vallès, Barcelona (Spain) T: +34 902 305 310, F: +34 936 934 329.



4. PREVIOUS WARNINGS

! Do not use with water that is microbiologically unsafe, of unknown quality, or without adequate disinfection before or after the system. If the water being used is from a public supply, it will comply with requirements for water to be used for the ZIP purifier and your ZIP will substantially improve the water quality

! In the event that the water to be treated is not from a public water supply, or is of unknown origin, in order to ensure proper purification, contact your distributor to advise you on the most appropriate physical, chemical and bacteriological water treatment to use with your ZIP system.

4.1 Operation conditions

Do not use water above 104°F (40 °C)
The ambient temperature must be between 40 and 114 °F (4 and 45 °C.)
Keep the system from extreme temperatures, like cooking surfaces, direct sunlight, and extreme environmental conditions. Avoid external dripping on the purifier.
If feed water has salinity higher than 800ppm please contact your distributor.
Feed water hardness should be under 25ºHF to obtain a better performance.
If feed water hardness is higher than 25ºHF membrane lifeterm and system performance may be reduced.

In case that water may have:

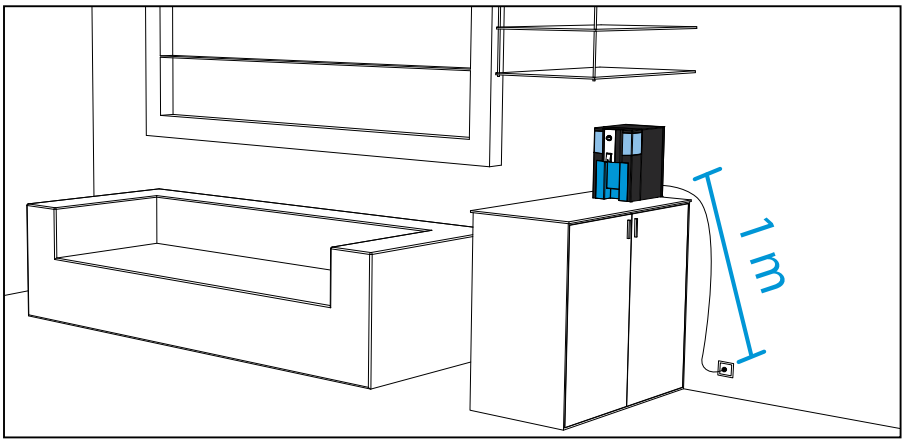
- High Iron and Manganese concentrations.
- Frequent hyperchlorinations.
- Mud or turbidity over 3 NTU.

Some system components lifeterm may be reduced.

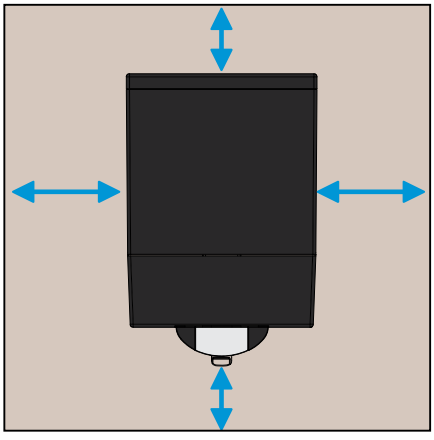
4.2 System installation

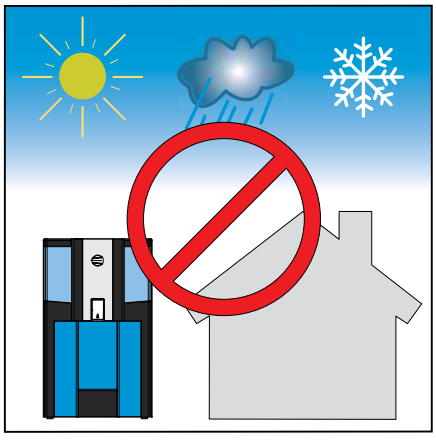
If the installation needs to be modified to install the system all the modifications and installation procedures must be made according to local regulations.

- Remove purifier contents from box and place on a convenient counter top or table within three feet (1 meter) of an electrical outlet.
- Equipment must be operated on a leveled surface and not inclined.
- Plug the transformer wire into the power socket on the back of the ZIP. Plug the electric cord into a wall socket.



- Make sure it's enought space for the RO unit, its accesories and also space for making a conformatable maintenance.
- **Under any circunstance systems must be installed outdoor.**





- Avoid external leaks over the unit.
- Unit can't be installed next to a heat focus or any hot air stream.

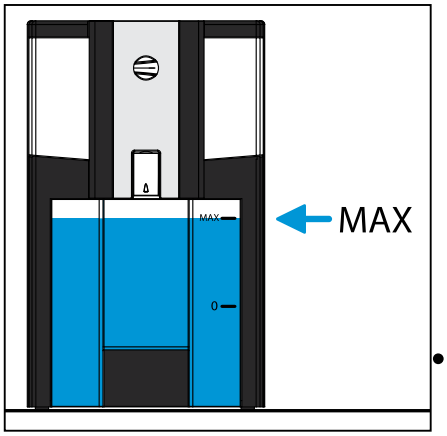
4.3 Setting up and maintenance

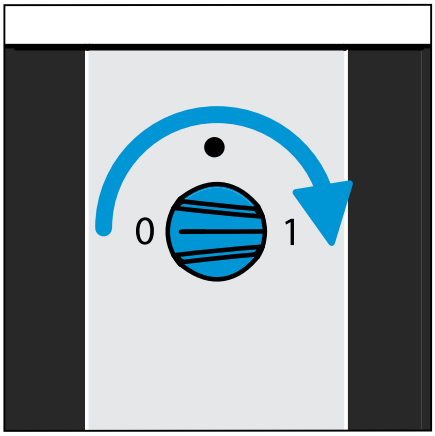
ZIP units need a regular maintenance, in order to guarantee the quality of produced water.

The unit must be sanitized regularly and prior to start-up

The consumable elements must be chaged when its indicated. See the maintenance and consumables part.

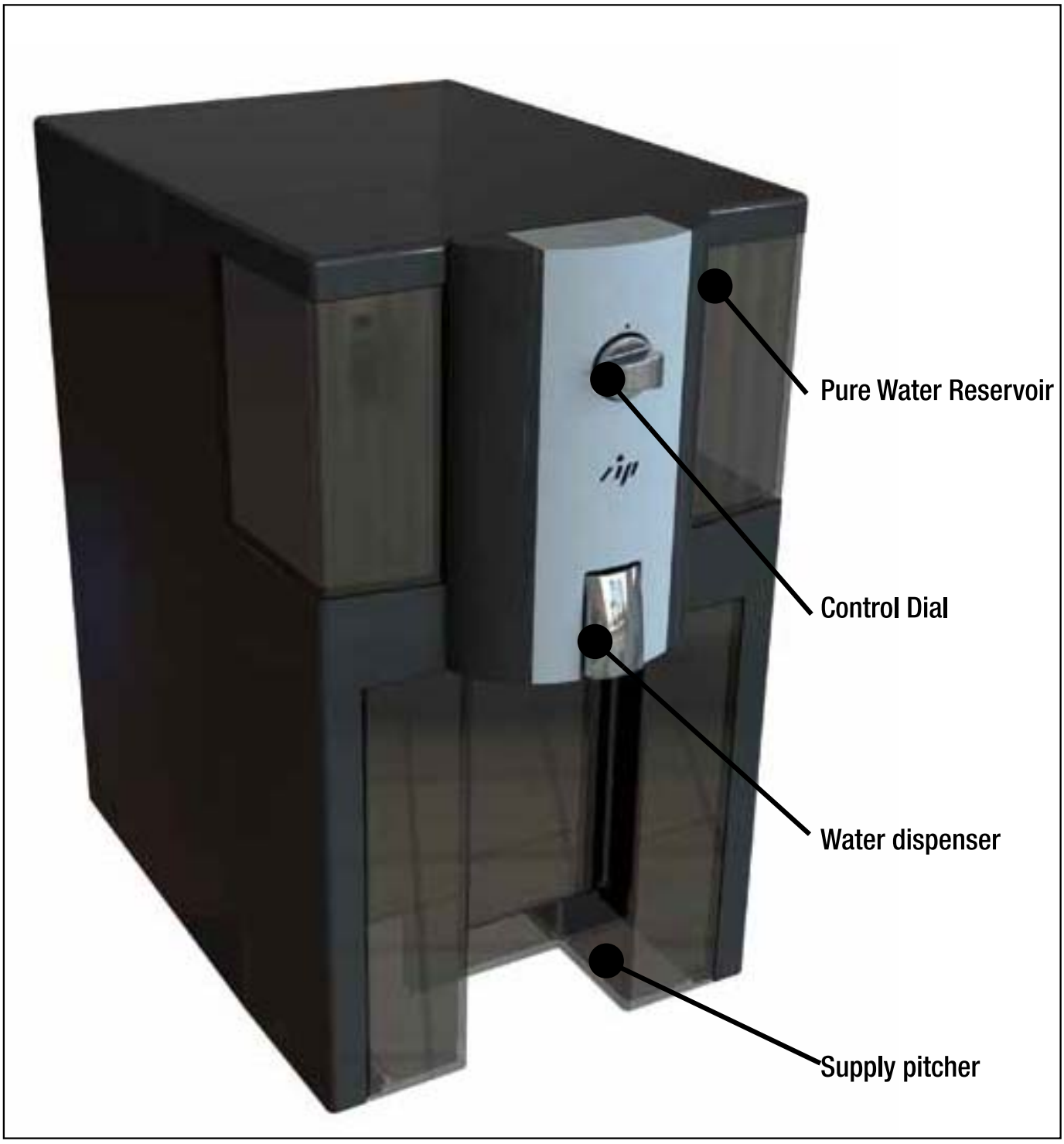
- The maintenance must be done by qualified technical personal in order to minimize the risk of contamination of the unit and the hydraulic system. For more information, please contact with the technical service of your distributor.
- Fill to the "Max" level marked on the front of the pitcher.
- Turn the control dial from the "0" position to the "1" position





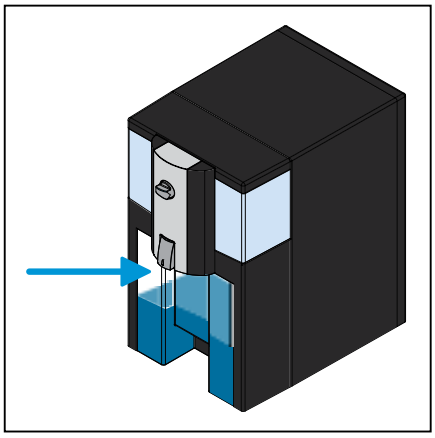
When the purifier is being used for the first time, the filters should be rinsed by running the purifier for two cycles, and discarding the water. After filtering two cycles, the pure water reservoir may be removed from the purifier and washed with a soft cloth and soap and water.

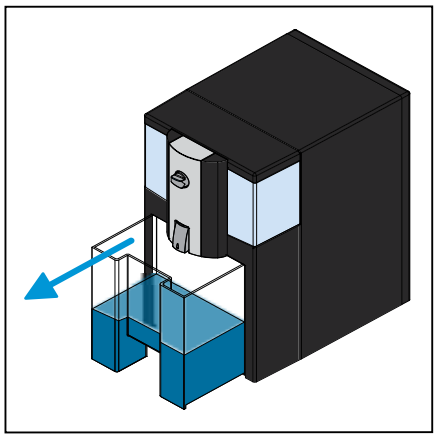
For cleaning the reservoirs use a sponge and soap.

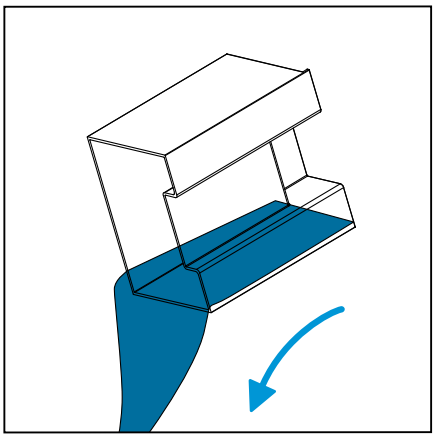

Pure Water Reservoir
Control Dial
Water dispenser
Supply pitcher

4.4 Use of equipment

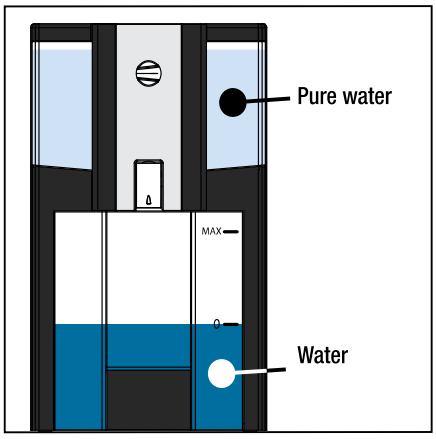
After completing a filter cycle, completely empty the supply pitcher, and refill with fresh water before starting another cycle.

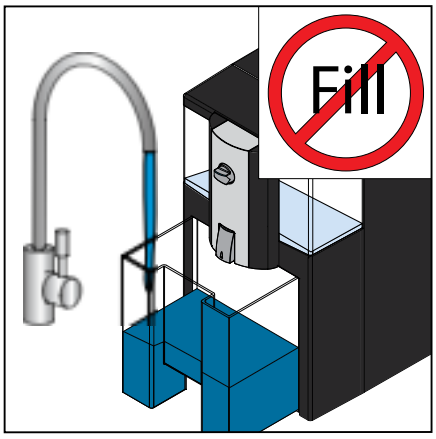


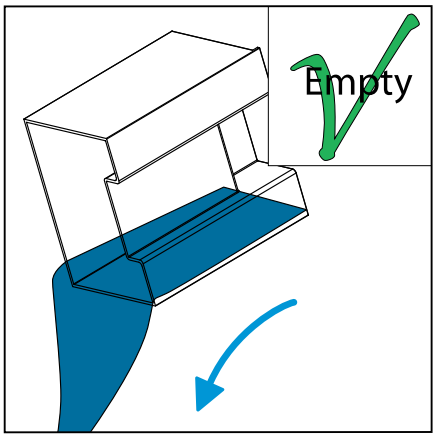




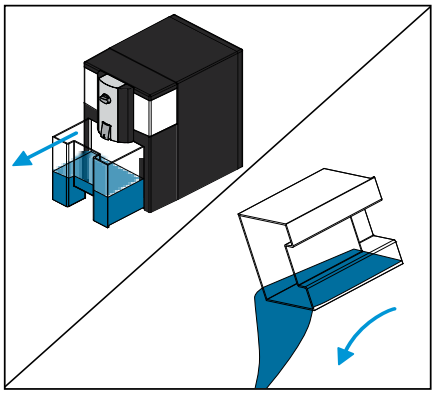
The water remaining in the supply pitcher after a filtration cycle has a higher concentration of TDS, so starting a new cycle, by adding fresh water to this remaining concentrate water will lower system performance and can damage the RO membrane and filters.

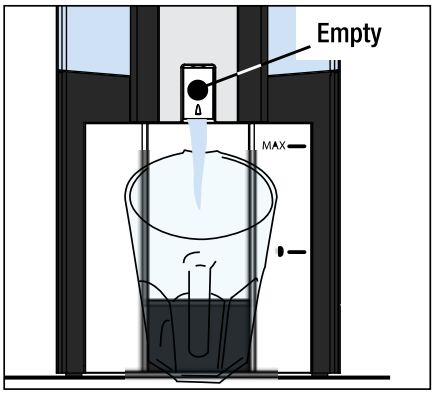


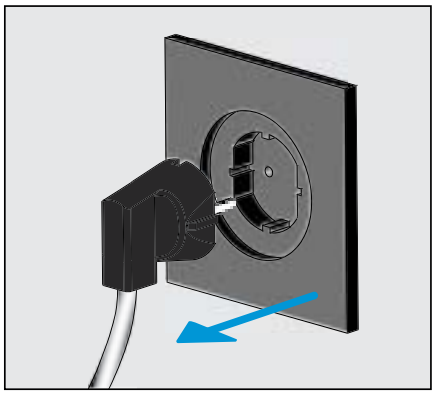




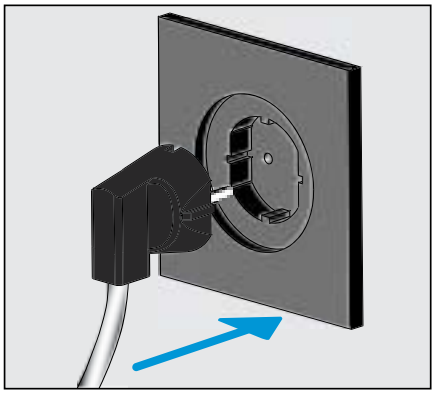
- Water should not be stored in the purifier for extended periods of time exceeding one week.
- If you plan to not use the purifier for more than one week, completely empty the water supply pitcher and pure water reservoir, and disconnect the power supply.

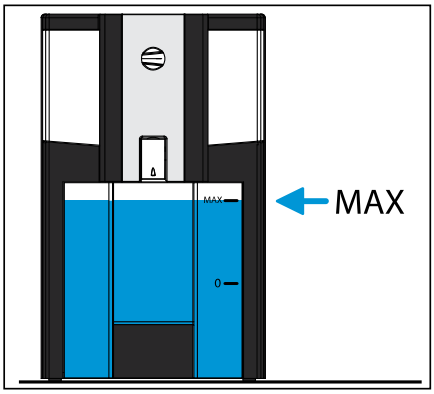


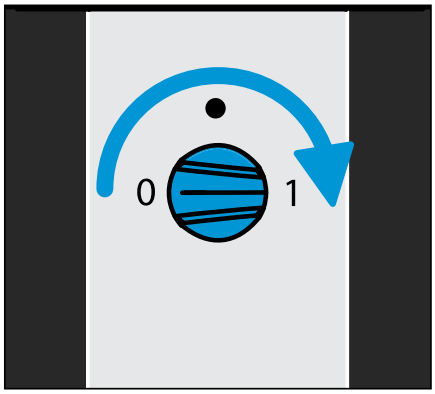




- When you return, connect the system to the electrical supply, fill the supply pitcher until the MAX signal and turn the control dial to 1.

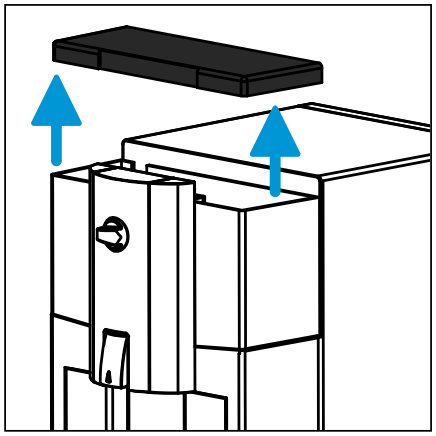


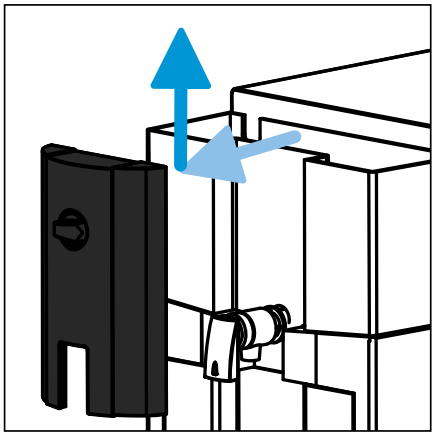


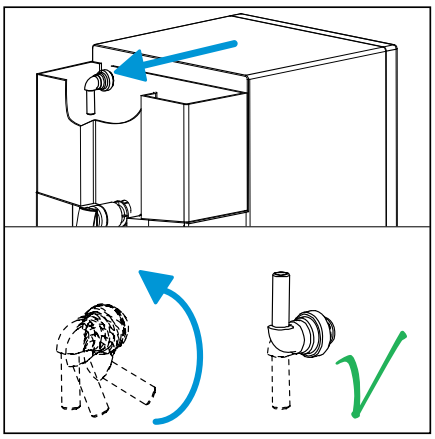


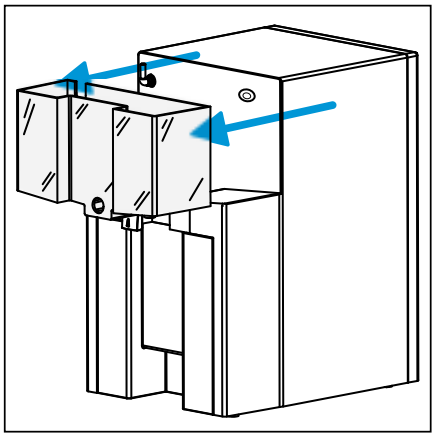
When this cycle has end, reject all the water in both tanks and repeat the process. After that, the system will be ready to produce treated water again.

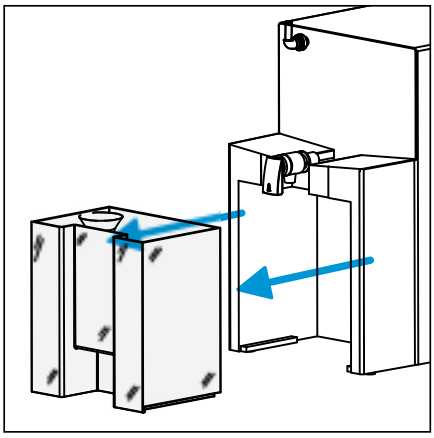
- If the purifier has not been used for more than a month, remove and wash with soap and water both the supply pitcher and pure water reservoir. Rinse the reservoirs and filter two cycles of water to rinse the system.

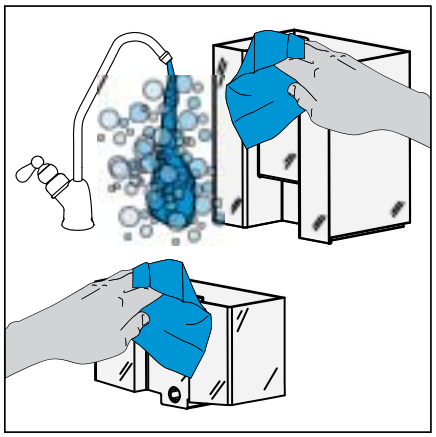












• Wash both reservoirs with a soft cloth and soap and water.

Pay special attention to the hygiene of the dispenser regularly and especially at the time of the periodic maintenance. For this purpose use the spray Oxibac and paper towels for single use.

In no case use a cloth used for drying your hands or the wipe used in the kitchen cleaning.

4.5 Recommendations for the correct use of Osmotic water.

• The water provided by domestic osmosis equipment is of low mineralization. The minerals needed by the human body are contributed mainly by food, especially dairy products and to a lesser extent by the drinking water.
• You should not use aluminum utensils to cook with osmotized water

After a treatment cycle, water accumulated in the supply tank must not be used for drinking water or cooking or in any application that could be affected by using high salinity water

5. OPERATION OF THE EQUIPMENT

5.1 Operation description

Feed water enters into the system passing through the turbidity and activated carbon filter. In this filtration stage all suspended materials, chlorine and its derivates are retained.

Filtered water is pumped to the membrane, making possible the reverse osmosis process.

Osmotized water, after going through a pH regulation cartridge is accumulated in treated water tank for its posterior usage. Reject water is returned to the supply water tank, allowing it to be treated another time and in this way, optimizing system's performance.

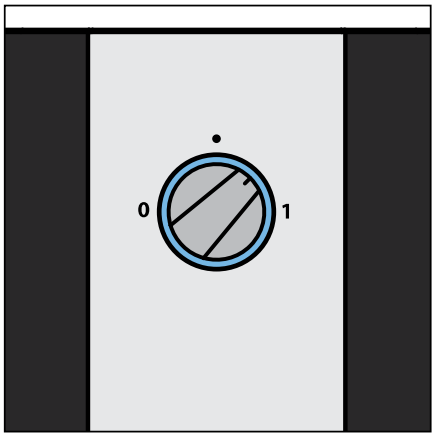
A complete treatment cycle will produce up to 2 litters of water (aprox.) that will be accumulated in the treated water tank.

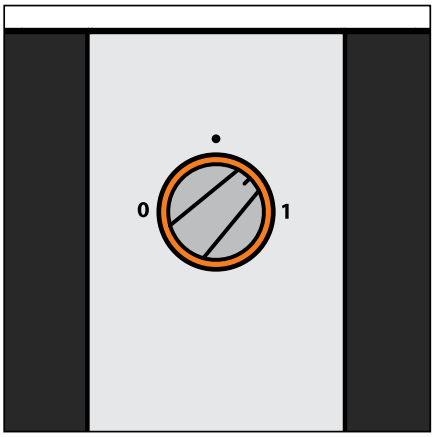
Systems are equipped with different control and security devices. In case of any inadequate working system will block automatically, even stopping production if it was necessary.

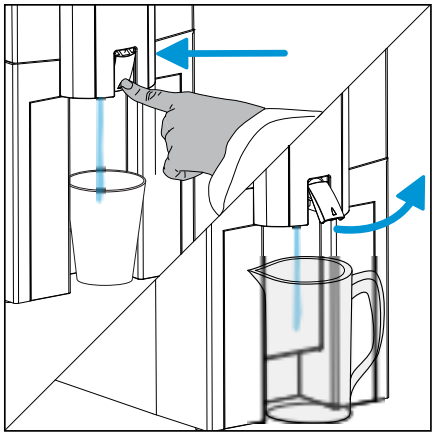
In this case, system will remain blocked until the issue has been solved. Until then only accumulated water will be available.

5.2 User's interface

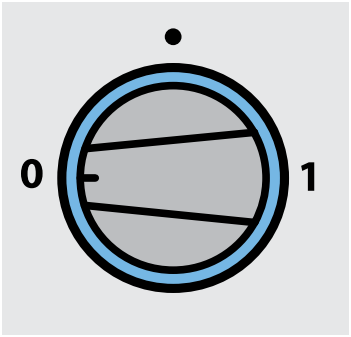
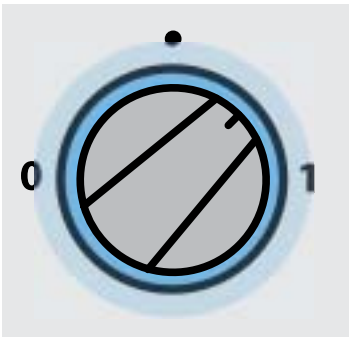
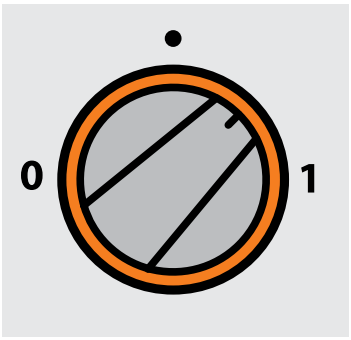
ZIP Purifier has a blue and orange color coded, LED electronic control dial which integrates a timer, and security functions to efficiently manage the filtering cycle and indicate any malfunctions detected.





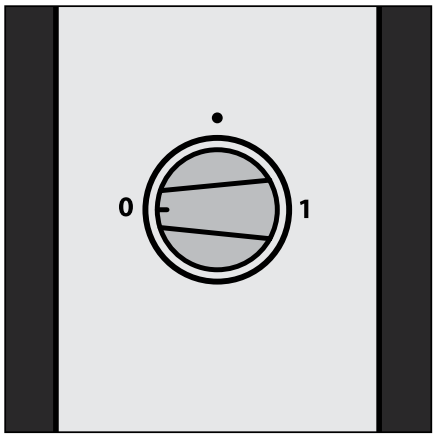


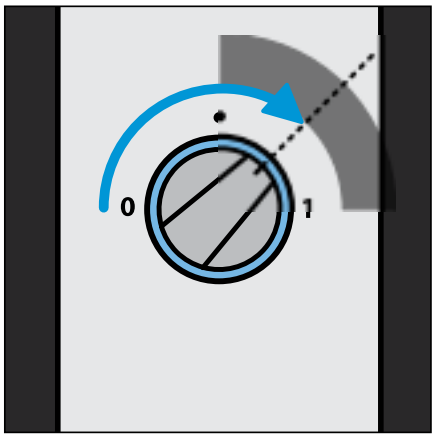
The chart below shows condition of purifier by color coding.

VISUAL INDICATION	LED STATE	FUNCTION	MEANING
BLUE LED FIXED		POWER ON	the system is service and waiting for a cycle.
BLUE LED FLASHING		ALARM	The supply pitcher is not mounted or set in correctly
ORANGE LED FIXED		FILTERING	The system is in service and treatment is in process.
ORANGE LED FLASHING		ALARM	The lower reservoir is empty or there is insufficient water.

STARTING A WATER TREATMENT CYCLE

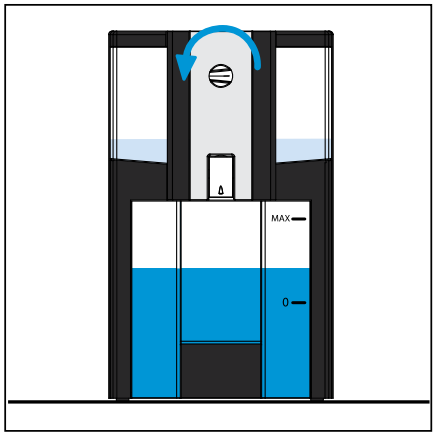
! In order to guarantee the quality of the produced water, the unit needs a regular maintenance done by qualified personal. The unit must be sanitized regularly depending on the use and the water comsumption .

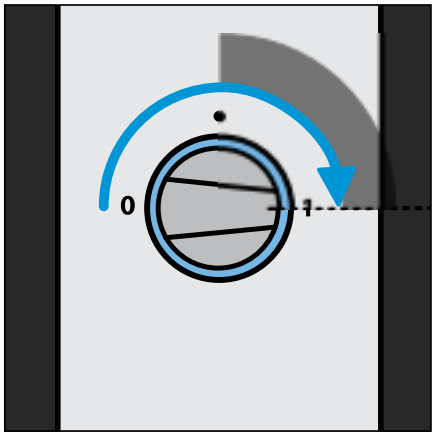




! CAUTION: Some components of this unit, such as pre filter and the RO Membrane are consumables and has a limited duration.

The time required to treat one cycle will vary, depending on the quality of inlet water, and condition of the filters. If the filters are new, the filtering process will finish before the control dial returns to the 0 position. The filtering process will stop, and the dial will flash orange till the timer reaches the 0 position. This is normal, it is not indicating a problem. After a few cycles, you will see that with new filters, the dial does not need to be turned all the way to the “1” position to complete a full cycle, a shorter cycle will suffice. The dial can be set anywhere in the grey area shown in fig.10 above.





Gradually, as the membrane and filters become used, it will become necessary to set a longer time to complete a full cycle and the dial will need to be set closer to the 1 position to finish a complete cycle. If, after setting the timer all the way to the 1 position, the dial reaches the 0 position before completing a full cycle (2 liters of water to the pure water reservoir) this shows that the filters are reaching their operating limits and should be replaced.

6.MAINTENANCE AND CONSUMABLES

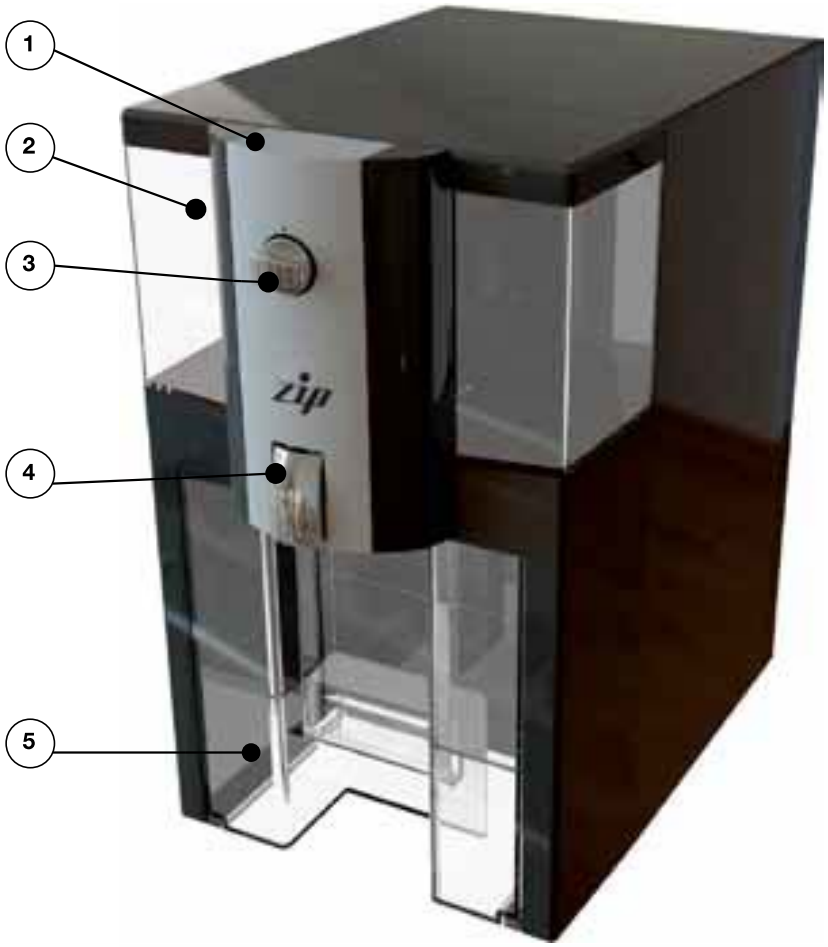
It's very important to ensure that your system servicing is made by an official Hidrosalud Technical Service that will use original replacement and will give you adequated information and guarantee.
Any kind of manipulation made in the system by unauthorized personnel or any use of non original replacements will cancel completely the guarantee of the system.

Replacements life term will vary depending on system usage, water consumption, feed water quality and on specific aspects like extremely high turbidity, hyper-chlorinations, iron excessive concentration…
High concentrations of some water components (free chlorine, turbidity, hardness…) may reduce cartridges lifeterm.
The replacement times of the cartridges and membranes are showed only in an orientative way. ZIP systems distributor will provide you with replacement times according to your feed water quality and estimated consumption.

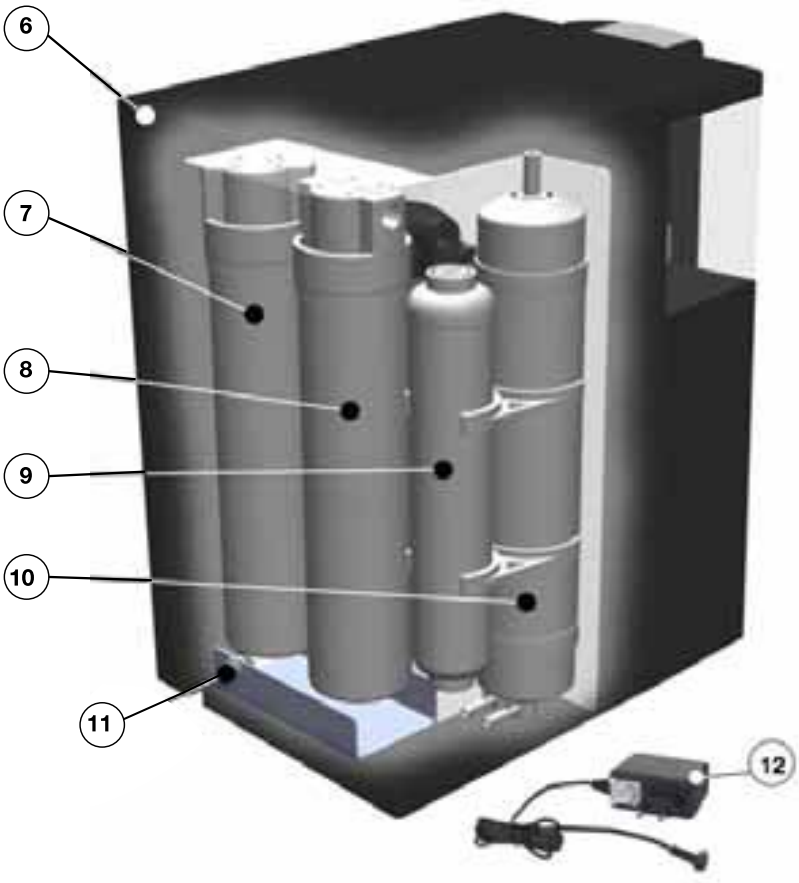
RECOMMENDED SERVICING FREQUENCY	
Sediment prefilter:	12 month maximum
Carbon prefilter:	12 month maximum
Ro membrane:	Every 2 years in soft water < 15 ºF
Post filter:	12 month maximum
Sanitizaction:	At Start up Every 6-12 months. Any time you manipulate components in contact with water or that there is not water consumption for more than a month.

NOTE: Membrane should be replaced if any special water parameter is over the current local legislation for potable water.

7. SYSTEM COMPONENTS



1.Pure water reservoir cover.
2.Pure water reservoir.
3.Control dial.
4.Dispenser.
5.Supply pitcher.
6.Back cover.

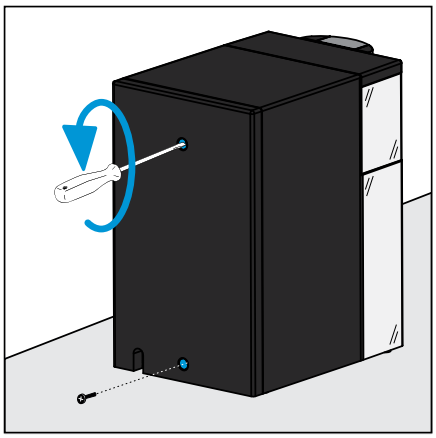


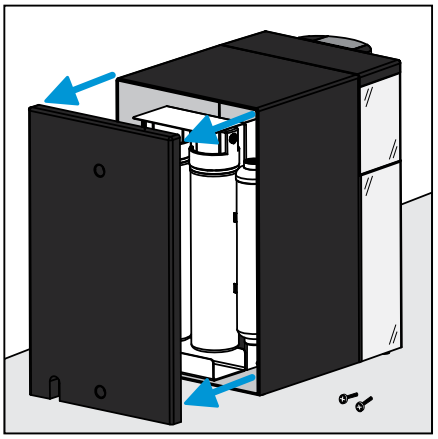
7.PP sediment prefilter.
8.Carbon prefilter.
9.Post filter pH adjuster.
10.RO membrane.
11.Power socket.
12.Electrical transformer.

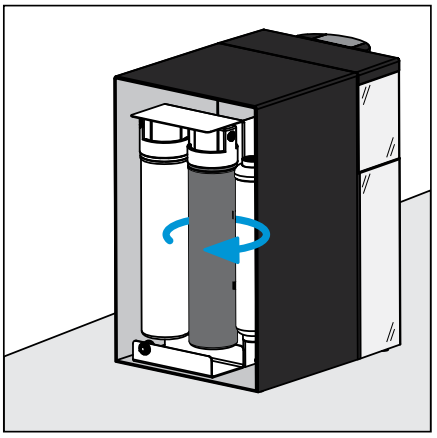
8. HOW TO CHANGE FILTERS?

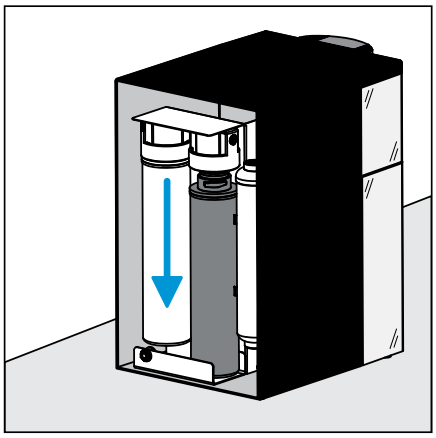
To change the prefilters proceed as follows.

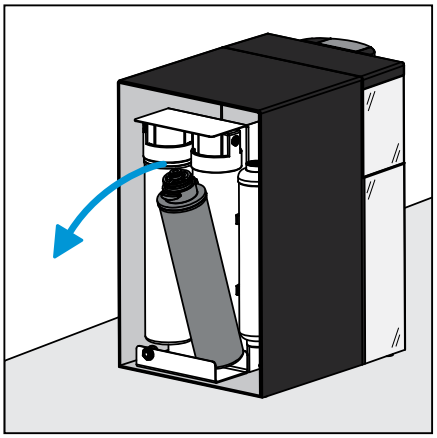
1. Unplug the system.
2. Unscrew the two screws on the back of purifier.
3. Remove the back cover.
4. Identify the filter to be changed. Rotate clockwise.
5. Once unscrewed, remove from purifier.
6. Remove new filter from packaging and insert into purifier by gently pushing upwards while rotating counterclockwise until seated in place.

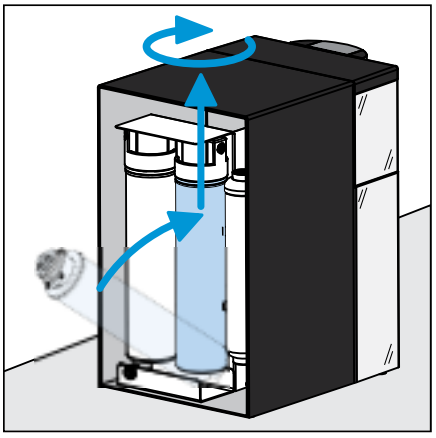






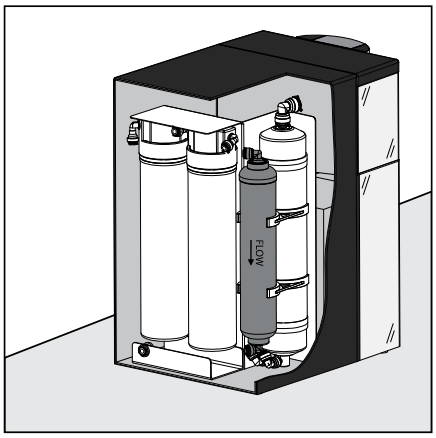


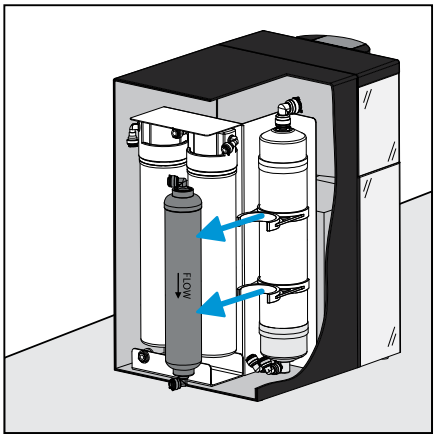


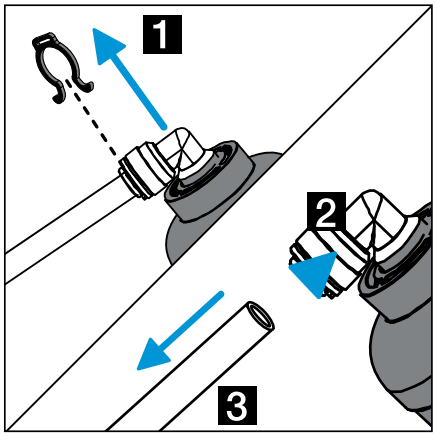


To change the postfilter, proceed as follows..

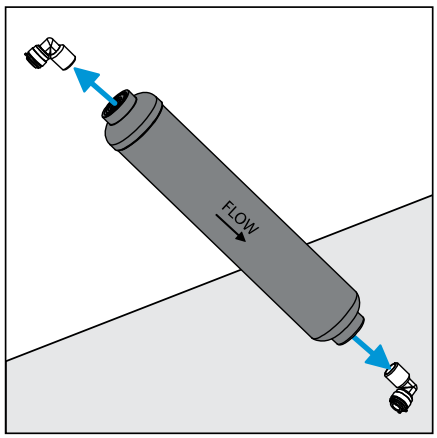
7. Remove the back cover.
8. Pull the postfilter out to free it from the retaining clips.
9. Disconnect the tubes from the elbow connectors on both ends of the postfilter. To do this, (1) remove the safety clip from under the collet sleeves on the elbow connector. (2) Push the collet sleeves in towards the elbow connector. (3) While holding the collet sleeves in, pull the tube out of the elbow.

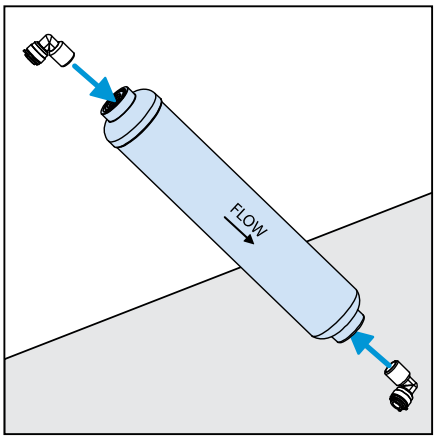


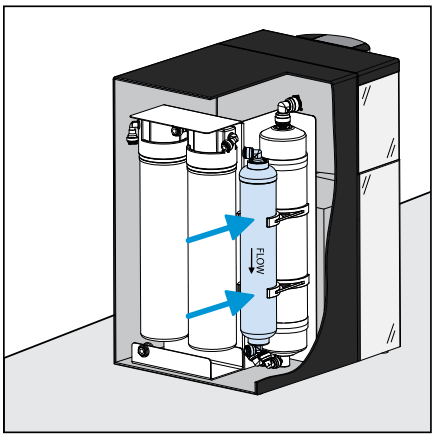




10. Unscrew the elbow connectors from the ends of the postfilter.
11. Remove new post filter from its wrapping and screw the elbow connectors into the ends of the new postfilter using teflon tape to avoid leakings.
12. Insert the tubes into the top and bottom elbow connectors paying attention to the direction of flow indicated by the arrow on the outside of the post filter, (top to bottom). Be sure to push the tubes all the way in to the elbow till they set at the back of the elbow. Slide the collet sleeve out and replace safety clip under collet sleeve.
13. Mount the postfilter back into the retaining clips and replace back cover.

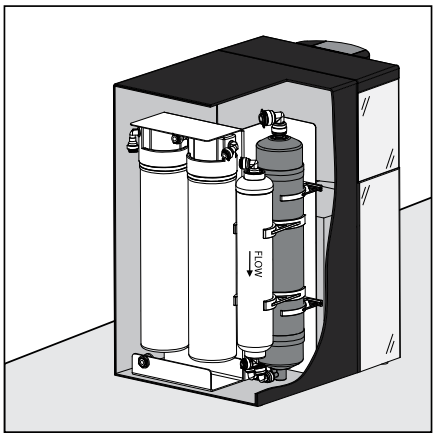


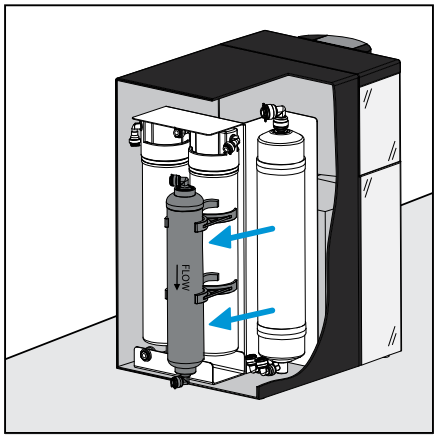


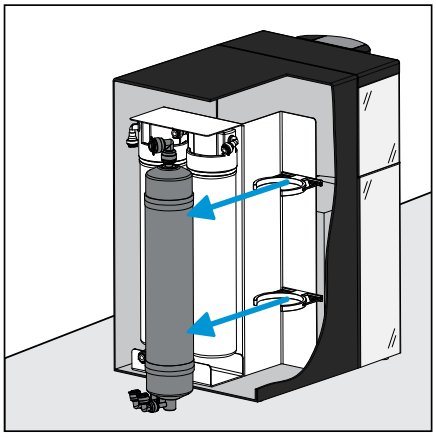


To change the membrane, proceed as follows.

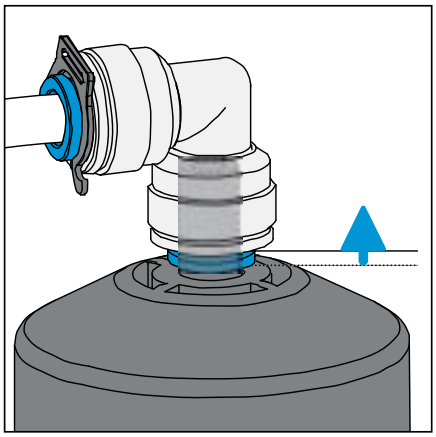
1. Remove the back cover.
2. Remove the postfilter from the postfilter retaining clips,and remove the retaining clips from the RO cartridge.
3. Pull the RO membrane cartridge to remove it from the RO cartridge retaining clips.
4. To remove the elbows from the RO cartridge, push the collet sleeves into the elbow connector.
5. While holding the collet sleeves in, pull the elbow off the top of the RO cartridge.
6. In the same way, remove the two elbows from the bottom of the RO cartridge.

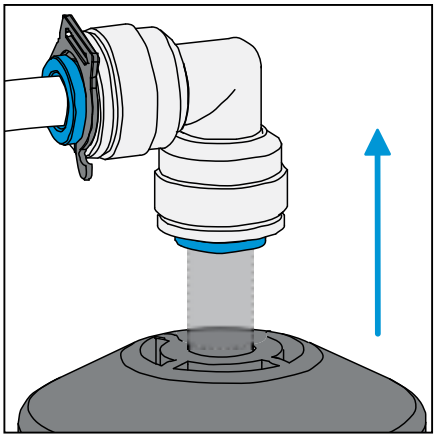


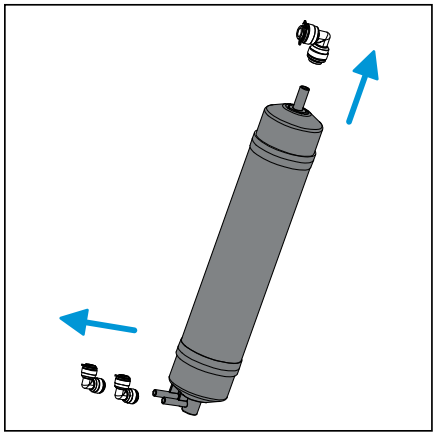




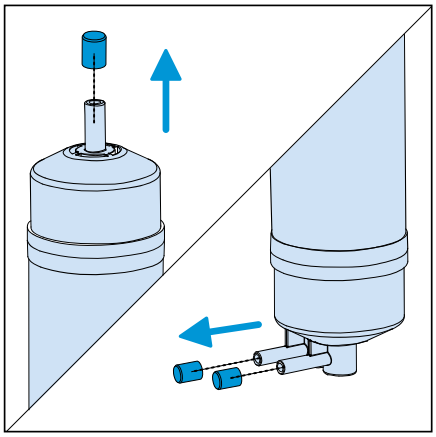
7. Remove the new RO cartridge from its packaging and remove the protection caps from the top and bottom of the cartridge.

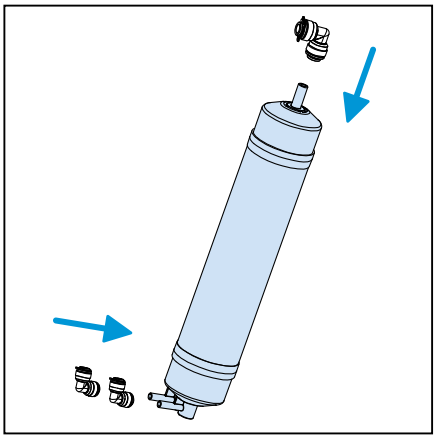


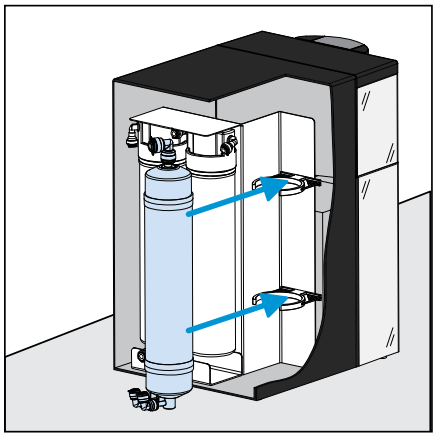




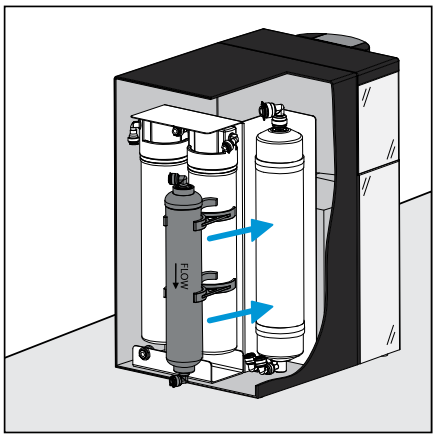
8. Replace the elbow connectors to their corresponding spikes on the RO cartridge.
9. Replace the membrane cartridge back into the retaining clips.

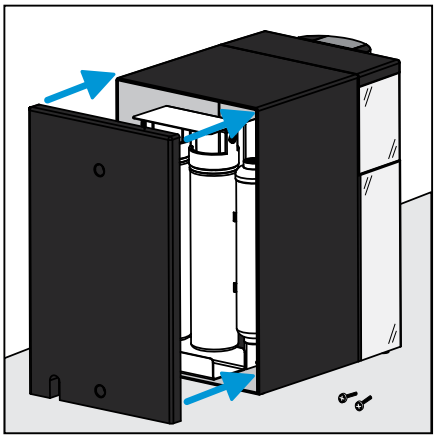


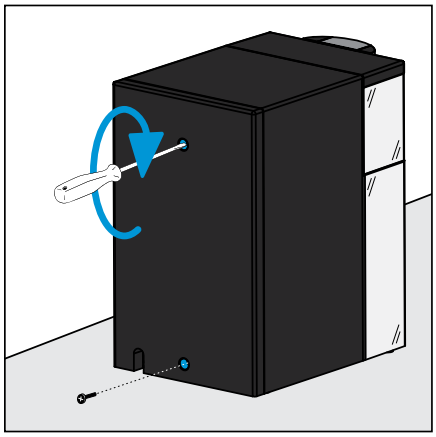




10. Connect the postfilter retaining clips back onto the RO cartridge, and place postfilter into retaining clips.
11. Assembly back cover.







! After any maintenance, please ensure absence of leakings in the system by means of a visual inspection while the system makes two complete cycles.

9. TROUBLESHOOTING

SYMPTOM	CAUSE	SOLUTION
1. The faucet is dripping	Dispenser defective.	Call for service.
2. Leakage outside the system	Several possible causes.	Call for service.
3. Zero production	No water in the lower reservoir.	Fill tank
	No power.	Check power supply. If problem not solved, call for service.
	Lower reservoir misplaced.	Ensure that the lower reservoir is positioned properly. If problem not solved, call for service.
4. Production reduced	Inner tube pinched.	Check and repair.
	Feed water outside the operating range.	Check feed water quality or call Technical Services.
	Filter elements have exceeded their useful life	Replace filters or call technical Service
5. Taste and odor	Several possible causes	Call for technical service.
6. System does not work	No water in the lower reservoir.	Fill reservoir
	No power.	Check power supply
	Lower reservoir misplaced.	Ensure that the lower reservoir is positioned properly. If problem not solved, call for service.
7. LED off	The transformer is disconnected or defective.	Make sure that the transformer is properly attached.

10. FILTER CHANGE AND MAINTENANCE RECORD

Purchase date _____

DATE	SERVICE	MAINTENANCE	SIGNATURE
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		

Purchase date _____

DATE	SERVICE	MAINTENANCE	SIGNATURE
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		
/ /	☐ START-UP	Technical	
/ /	☐ COMPLETE MAINTENANCE	Stamp	☐ ORDINARI
/ /	☐ REPAIR		☐ EXTRAORDINADY
/ /	☐ SANITIZATION		☐ GUARANTEE
/ /	☐ OTHERS		

NOTES:

GUARANTEE CERTIFICATE FOR ZIP

SYSTEM GUARANTEE FOR THE END USER

The distributor guarantees its systems for two (2) years against any manufacturing defect. The guarantee comprises the repair and replacement of defective parts by authorised personnel from the Distributor or the Official Technical Service Assistance (TAS), in the place of installation or their workshops. The guarantee includes the labour and shipment costs that may arise.

IONFILTER shall not offer guarantee for parts suffering usual wear and tear, lack of maintenance,

hits and other faults due to the improper use of the system outside specifications and operating limitations indicated by the manufacturer. Likewise the guarantee will not be valid in the event of misuse, or in those cases where it has been modified or repaired by personnel that do not belong to the distributor or the official TAS. All the replaced parts under guarantee shall remain the property of IONFILTER.

IONFILTER shall be held responsible for the lack of conformity when this refers to the origin,

identity or compliance of the products, according to its nature and purpose. Taking into account the technical specifications of the systems, it is essential, for the guarantee to be valid, that the technical conditions of the installation and operation are fulfilled. Should this conditions not be fulfilled, the guarantee would remain invalid, taking into account the importance of the system's use as well as the conditions and operating limitations in which it must operate.

The distributor must guarantee that the installed system is appropriate for the improvement of the quality of water that is going to be treated, according to the technical specifications of the system and the regulations in force.

The distributor must guarantee the proper installation and start-up of the system, according to the instructions provided by the manufacturer and the regulations in force. Furthermore, it shall be held responsible for the lack of conformity due to an inaccurate application, installation or start-up of the system.

For any claims under guarantee you are required to provide the receipt of purchase. The term of the 2-year guarantee starts on the date of purchase of the system in your distributor.

Should you suffer any problem with the system while it is under guarantee, contact your distributor.

COMPANY AND/OR AUTHORIZED INSTALLER:

Company and authorize installer, date and signature:

The system is installed and in operation as required by the client, and for this to be officially recorded:

Input hardness of the RO [ºF]:

Input TDS of the RO [ppm]:

TDS of produced water (faucet) [ppm]:

☐ CORRECT.
OTHERS:

The owner of the system has been properly and clearly informed about the use, anipulation and maintenance of the system, in order to guarantee a proper operation and the quality of produced water. To such effect, a maintenance contract has been offered.

* **Ref. of the maintenance contract:**

☐ ACCEPTS the maintenance contract.
☐ DOES NOT ACCEPT the maintenance contract.

For further information, to report a breakdown or that the system is not working properly, and to requedt maintenance or the assistance of a technician, previously read the sections and how to operate the system, and detection and solution of problems, in this manual and contact the distributor or company where the system was purchased.

S/O

P/N

S/N

IONFILTER

zip

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